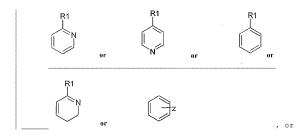
# IN THE CLAIMS

1. (currently amended) A method of treating a disease related to a pre-messenger RNA splicing process within a cell wherein said disease is Frasier syndrome, frontotemporal dementia related to chromosome 17 (a form of Parkinson's), Leigh syndrome (a type of encephalopathy), atypical cystic fibrosis, a certain neuropathology related to Tau protein mutation, Alzheimer's disease, amyotrophy that influences the SMN (survival motor neuron) gene, depression related to disturbances in serotonin splicing and AIDS, comprising administering to a patient in need thereof a medicine comprising a compound of benzo-indole or pyrido-indole derivative corresponding to the following formula I:

Formula I

or a pharmaceutically acceptable salt, isomer and/or mixture thereof, wherein  $% \left( 1\right) =\left( 1\right) \left( 1\right) \left($ 

X represents N  $\frac{1}{2}$  or N<sup>+</sup>R4 anhydro base, and ring A, which is in position b corresponds to



X represents N, and ring A, which is in position a or e extresponde to



wherein R1 represents

an atom of hydrogen or halogen or a -C=N-OH or -O-C(=0)(CH $_{\rm 3})$  or -C=N group, ora -N-R6R7 group,

wherein R6 and R7 represent independently of one another

- a hydrogen atom,
- a saturated or unsaturated ring having C6, , optionally containing an atom of nitrogen and possibly substituted by one or more alkyl groups at C1 to C3, or
- a linear, branched and/or unsaturated alkyl group having Cl to Cl3 in which one or more atoms of carbon is optionally substituted by an atom of nitrogen, said alkyl group being optionally substituted by one or more -OH and/or =O groups and/or by a group selected from the following comopunds:

said group being optionally substituted by an alkyl group at C1 to C3 which itself is possibly substituted by an amino group, or a -NH-R8 group

wherein R8 represents an alkyl-N-R9R10 group,

wherein the alkyl group of said alkyl-N-R9R10 group represents a linear or branched group having C1 to C13 optionally unsaturated and/or substituted by one or more alkyl groups at C1 to C3 and/or hydroxyl groups, and

R9 and R10 represent independently of one another a hydrogen atom or an alkyl group having C1 to C4 optionally substituted by one or more hydroxyl and/or oxo groups,

R2 represents a hydrogen atom, a methyl group or a -NH-(CH<sub>2</sub>)<sub>3</sub>-N(CH<sub>3</sub>)<sub>2</sub> group, or R2 is absent when said ring A is in position a.

R3 represents a hydrogen atom, a halogen atom or a methyl, amino or methoxymethyl group, or said -NH-R8 group,

R4 represents a hydrogen atom, a hydroxyl or alkyl group having C1-C6 or a methoxy group optionally substituted by a phenyl group,

R5 represents a hydrogen atom or a methyl or methoxymethyl group when X represents N or  $\frac{CR4-or}{R5}$  is absent when X represents N\*R4 anhydro base,

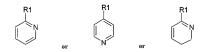
3 represents a hydrogen atom or a hydroxyl or methoxy group or -6-alkvl-C-0(0-alkvl), with alkyl representing a group howing

R11 and R12 represent independently of one another a hydrogen atom or an alkyl group having C1-C3, or R11 to absent when early wing & io an position cy and

R13 represents a hydrogen atom or a methyl group.

#### (cancelled)

(previously presented) The method of claim 1, wherein said compound of pyrido-indole derivative is a derivative of pyrido-pyrrolo-isoquinoline of said formula I, wherein X represents N or N+R4 anhydro base, and ring A represents



wherein R1 represents a halogen atom, an amino group, said -N-R6R7 or said -NH-R8 group,

R2 represents a hydrogen atom or a methyl group,

R3 represents a hydrogen atom or said NH-R8 group,

R4 represents a hydrogen atom or a methyl group,

R5 represents a hydrogen atom or a methyl group when X represents N or R5 is absent when X represents said N+R4 anhydro base, and

R11 represents a hydrogen atom or a methyl group.

#### 4. (cancelled)

5. (currently amended) The method of claim 1, wherein said compound is selected from a group consisting of:

N' (4 methows 5, 6, 11 trigethy) 6H pypide 4 3 blearberal 1 wl) N-N-dimethyl-propane-1,3-diamine,

```
dimethyl propage 1.3 diamine.
 10-chloro-2,6-dimethyl-2H-pyrido[3',4':4,5]pyrrolo[2,3-
alisoquinoline,
4-budrowy 5-methyl-6H-byridoid 3-blocaborol 1-yl-metho acid
*******
1 / Calimathylanina propulaming 5 mothyl 6W pyride (4, 2
blearbasel-9-ol-
9-met-berry-5-met-byl-6H-pyrido(4,3-blearbozol-1-carbaldebyde
evitamen.
N-49-methow-5-methyl-6H-pyrido44-3-blearbasol-11-vl)-N-N-
dimethyl-propage 1,3 diamine.
NyN-diethyi-NI-(9-methoxy-5-methyl-6H-pyrido/4y3-b)-carbosol-1-
vl)-propage-1/3-diamine/
N'-(6,11-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-
 10-yl)-N, N-dimethyl-propane-1, 3-diamine,
allyl-(9-methosy-5,ll-dimethyl-6H-pyrice(4,3-b)-apriced-1-yl)-
and the second
N.N-diethvi-W4-(9-methoxy-5-methyl-6H-pyridel4,3-bloarbagel-1-
vl)-pentana-ly4-diamine,
N.N-dimethyl-N'-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-
g]isoquinolin-10-yl)-propane-1,3-diamine,
9-methoxy-l-(6-(9-methoxy-5-methyl-6H-pyrido(4y3-b)-carbasel-i-
vlamino)-hexylaminol-2,5-dimethyl-5H-pyridof4,3-blearbasel-2-ium
indulation.
(3-(4(3-amino-propyl)-piperarin-l-yl)-propyl)-9-methoxy-5-
methyl-6H-pyride(4,3-b)carbasol-1-yl)-amine,
43-imidogoj-j-wi-papay-b-montopus-b-marka-kal-marajdo-f--3-
hies-physical-plication.
(4-methosy-5-methyl-6#-pyridof4y3-b)earborol-1-v1)-(2y2y6y6-
tetromethyl nimeridin 4-vl+ aminer
N-cthv1-N-13-(9-mcthoxy-5, 11-dimethy1-6H-ovelde14,3-blearbaze1-
1-vlaminal-crowll-meninamic anid-
N-ethyl-N-[3-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-
glisoquinolin-10-vlamino)-propvll-succinamic acid.
5,11 dimethyl-1 (3 methyl butylamins) 6H pyrids(4,3 b)carbasel
9-01-
```

NI- (9-mathoxy-5,11-dimethyl-6H-pyrido(4,3-b)carbasel-1-yl) N, N-

1,5 diamine,

```
2-{(2-hvdroxv-ethvl)-[3-(6-methvl-5H-
 pyrido[3',4',:4,5]pyrrolo[2,3-g]isoquinolin-10-ylamino} propyll-
 amino-ethanol,
 W.N.diethvl-N'-(6-methvl-58-syridof3',4':4,51syrrelof2,3-
 allocation 10 vi) athone 1.2 diamine.
 NI-to-be on viox v-6-mot housemeth vi-5-meth vi-6H-oveldo 14.3-
 blearbasel-1-vl)-N,N-diethvl-propane-1,3-diamine,
1-(3-diethylamino-propylamino)-6-methoxymethyl-5-methyl-6H-
cvrido14.3-blearbase1-9-ol-
9-metboxy-5-methyl-4,6-dihydro-3H-pyridof4,3-bluarbasel,
 N-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoguinolin-10-
 yl)-propane-1,3-diamine,
1-43-diethylomino-propylamino)-5,11-dimethyl-6H-pyrido(4,3-
blearbarel-9-ely
N-49-methoxy-5-11-dimethyl-6H-pyride-(4-3-bleurbegel-1-xl)-
propane-1,3-diamine,
 N-3-(5,6-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-q]isoquinolin-
 10-v1)-N, N-1-diethvl-butane-1,3-diamine,
N. N. diothyl W. (4-methowy 5, 6, 11-trimethyl 68-pyride(4, )
blearbarol-l-yl)-ethane-l-2-diamine-
 N-(6,11-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoguinolin-
 10-yl)-N'-ethyl-propane-1,3-diamine,
 N-(9-methouv-5-methyl-6H-pyrido(4y3-b)earbarol-1-yl)-propone-
1,2-diamino.
 N'-(5,6-dimethyl-5H-pyrido[3'4':4,5]pyrrolo[2,3-g]isoquinolin-
 10-yl)-N, N-dimethyl-propane-1, 3-diamine,
 N-(5,6-dimethyl-5H-pyrido[3'4':4,5]pyrrolo[2,3-q]isoquinolin-10-
v1)-N'-ethvl-propane-1,3-diamine,
 9-mathov-h-mathyl-SH-pyrianid, 1-blanchazol-1-anchanitrila-
1-4-dischylomino-propylamino)-5-methyl-6H-pyride44-6-
blassashi hal
19-methoxy-5.11-34methyl-6H-oveldo14.3-blessbazol-1-yl)-(3-
 morpholin 4-vl-menul) amino-
Wethyl N' (9 methoxy 5 methyl 5H pyridof4,3 blearbasol 1 vl)
 propage-1,3-diamine,
 N (9 methoxy 5 methyl 66 pyride(4,3 blearbozel 1 yl) pectane-
```

```
N (9 methoxy 5 methyl 68 pyrido(4,3 b)carbozol L-yl) benane 1,6-
diamine.
W1-(9-methoxy-5-methyl-6H-pyrido(4,3-b)-carbazol-l-yl)-NyN-
dimethyl-ethane-1,2-diamine,
W.W.diaphyl M. 42 maphoxy 5, 11 dimaphyl 68 nypidof4, 3
b|carbazol-l-yl)-propane-l,3-diamine,
49-methoxy-5-methyl-68-pyrido(4,3-b)-carbozol-1-yl)-(2-
overolidin-1-vl-ethvl)-aminer
3-49-mathoxy-5-mathyl-6M-pyridoi4.3-hlearbarol-1-ylaminol-
propage 1,2 diel,
1-diothylamino-3-(9-methoxy-5-methyl-5H-pyxido(4,3-b)earbasel-1-
ylamino)-propan-2-ol,
(3-imidazol-1-v1-propv1)-(6-methy1-5H-
pyrido[3',4':4,5]pyrrolo[2,3-q]isoquinolin-10-vl)-amine,
decyl-(9-methoxy-5,11-dimethyl-6H-pyride(4,3-b)carbasel-l-yl)-
antiner
N-(3-methory-10-methyl-11H-benzo(qlpyrido(4,3-blindo1-7-yl)-
butane Lyd-diamine,
8-methyl-11-(3-methylamine-propylamme)-7E-benzefelpyridef4.3-
blindol-3-6ly
1-diethylamino-3-(9-methoxy-5-11-dimethyl-68-syrido/4-3-
h}corbasol-1-ylamino)-propan-2-oly
NyN-diabhyl-NI-(9-mathaxy-5,6-dimethyl-6H-pyrido(4,3-b)earbazel-
1-v1)-etbang-1,2-diamine,
N-N, diethyl-N'-(6-methyl-5H-pyrido[3', 4':4,5]pyrrolo[2,3-
g]isoquinolin-10-yl)-propane-1,3-diamine,
N-1, N-10-Bis-(3-diethylamino-propyl)-3, 6-dimethyl-5H-
pvrido[3',4':4,5]pvrrolo[2,3-g]isoguinoline-1,10-diamine,
N-sthyl-N'-(9-methoxy-5,11-dimethyl-6H-pyrido(4,3-b)carbazol-1-
vl) propone 1,3 diamine,
N-(5,6-dimethyl-5H-benzofflyyridof4,3lindol-1-yl)-N'-ethyl-
erevene-1-3-diamine-
NI-(9-mothoxy-5,6-dimethyl-5H-honze,fflovride(4,3-blindell-)-vi-
N.N dimethyl propage 1,3 diamine,
1-(3-dimethylamino-propylamino)-5,6-dimethyl-56-
benzelflpyride(4,3-b)indel-9-el,
N (3 methoxy 8 methyl 7H bersefelpyridef4, 3 blindel li vl) N'
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```
methyl propage 1,3 diamine.
5-17-chloro-10-methyl-11H-benzelelpyridel4,3-blindel-3-yloxyl-
centancic acid ethyl coter,
N, N-dimethyl-N'-(10, 11-dimethyl-10H-pyrido[3'4':4,5]pyrrolo[3,2-
glouinoline) 4-vl-propane-1, 3-diamine,
N, N-diethyl-N'-(10, 11-dimethyl-10H-pyrido[3'4':4,5]pyrrolo[3,2-
[quinoline] -4-vl-propane-1, 3-diamine,
NI--(7-methozv-10,11-dimethyl-10K-pyride(2,3-b)carbaze1-4-vl)-
N.N-dimethyl-propage-1.3-diamine.
W.N. diethyl N. (7-methoxy-10,11-dimothyl-10E-pyridof2,3-
b]carbazol-4-yl)-propane-1,3-diamine,
4-methoxy-5,11-dimethyl-6H-pyrldo(4,3-b)earbazol-1-vl-amina-
N.D. diethvi N. (7-methoxy-11-methyl-10H-pyridof2,3-b)-carbozol-4-
vl)-propage-1/3-diamine,
N, N-diethyl-N'-(11-methyl-10H-pyrido[3', 4':4,5]pyrrolo[3,2-
g]quinoline)-4-yl-propane-1,3-diamine,
N-N-41-40-31-(7-44-60-0-5-11-d1-40-0-1-0-1-0-1-0-2-3-
blearbazol-4vl) srcpane-1,3-diamine-
N.N-dimethyl-N'-(11-methyl-10H-pyrido[3',4':4.5]pyrrolo[3,2-
g|quinoline)-4-yl-propane-1,3-diamine,
11-(3-dimethylamino-propylamino)-3-ethyl-7H-bensofelpyridof4-i-
blindel-3-el-
7-(3-dicthylamino-propylamino)10,11-dimethyl-11H-
benzolalovridol4,3-blindol-4-ol,
11-43-dimethylanino-propulamino) 7H-benzofelnyzidof4,3-blindol-
3-01-
N'-(3-metbaxy-7K-benzo(clayride(4,3-blindol-11-v1)-N,N-dimetby1-
propage 1,3 dismine,
NI-8-athril-3-methous-2-method-35-hone, (a) preside (4, 3-b) inclol-1-1-
vi) NyW dimethyl propone 1,3 diamine,
11-(3-dimethylamine propylamine) & methyl-7H-bense(e)pyride(4,3-
blindol-2-ol-
N. N. diethyl N. 1. (3 methoxy 10, 11 dimethyl 110 benedalpyride(4, 3-
blindol 7 vl. propone 1,3 diamine,
11-(3-dimethylamine-propylamine)-7,8-dimethyl-7H-
benzolelpyrido(4,3-blindol-3-ol,
7 (3 dimethylamine propylamino) 10 methyl 11H-
```

diemine,

```
benzofalovrido(4,3-blindol-4-ol,
N1-(2-methoxy-8-methy1-7H-benso[o]pyrido[4,3-b]indol-11-y1)-N,N-
dimethyl-propane-ly3-diamine,
W'-(10, 11-dimethyl-11K-benzo(glovrido(4, 3-b)indol-7-yl)-N, W-
disthyl propone 1,3 disminer
N'-(7,8-dimethyl-7H-benno(e)pyrido(4,3-b)indol-l1-v1)-NyN-
dimethyl-propone-1,3-diamine,
N.N.-dimethyl-N.-(10-methyl-1)H-benzelelpyride(4,3-blindel-7-yl)-
propane-1,3-diamine,
7-(3-diethylamino-propylamino)-10,11-dimethyl-11H-
benzoiglovridol4v3-blindol-3-olv
N-N-diethyl-N'-(10-methyl-11H-benzo[q]pyrido[4,3-b]indol-7-yi)-
propone 1,3 diamine,
4-methouv-10-methyl-11H-benzofelpyridoi4,3-blindol-7-ylamine,
NyN-diethyl-N'-(3-methoxy-10-methyl-11H-benzo(3)pyride(4)3-
b]indol-7-yl)-propone-1,3-diamine,
N!-(4-methoxy-10-11-dimethyl-11H-benzefelpyridef4,3-blindel-7-
v1+N-N-dimethyl-propage-1.3-diamine.
7-(3-(dimethylamine-propylamine)-10,11-dimethyl-11H-
bensofelpyridof4y3-blindol-4-oly
W.N-dimethyl-W. (8-methyl-7H-benzofelpyridof4,3-blindol-11-yl)-
propune 1,2 dismine.
11-(3-dimethylamino-2-methyl-propylamino)-8-methyl-74-
behzofelpvrido(4,3-blindol-3-ol,
N (3 methoxy 8 methyl 7% benze(e)pyrido(4,3 b)indolllyl)
propone-ly3-diaminey
11-(3-amino-propylamino)-8-methyl-7H-benzofelpyridof4,3-blindol-
N-(3-methoxy-10-methyl-11H-benzo[q]pyrido[4,3-b]indol-7-yl)-
propone 1,3 diamine,
NI--(3-mathoxy-8-methyl-7H-benselelovide)(4,3-blindel-11-yl-N,N-
dimethyl-propone-1-3-diamine-
N'-(4-methoxy-8-methyl-78-benzo(e)pyrido(4,3-blindol-11-yl)-W,W-
dimethyl propane 1,3 diamine,
N-(3-amino-propy)+N'-(3-(3-methoxy-8-methy)-7H-
benzo(e)pyrido(4,3-b)indol-11 ylamino) propyl)butane-1,4-
```

N-(3-methoxy-3-methyl-76-benze(e)pyrido(4,3-b)indol-11-yl)-benze(e)pyrido(4,3-b)indol-11-yl)-

W-43-43-methoxy-10-methyl-1Hi-bonzo(g)pyrido(4,3-b)indol-7vlaming)-propvil-propage-1,3-diaming.

N [3 (3 methoxy 16 methyl 11H benzo(g)pyride(4,3 b)ladel-7ylantno) propyl N methyl propane 1,3 dlamane,

N-[3-(3-mathoxy-8-methyl-7H-benzo[e]pyrido[4,3-b]indol-ll-ylamino)-propyl]-propanc-1,3-diamino,

 $\label{lem:n-solution} $$N-(5,6-dimethyl-5H-pyrido[3'4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-N'-ethyl-propane-1,3-diamine, and$ 

6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl-amine.

## 6. (cancelled)

- 7. (currently amended) The method as in claim 1 6x 47 wherein said compound is selected from a group consisting of: 10-chloro-2.6-dimethyl-2H-pyrido[3',4':4,5]pyrrolo[2,3-
- g]isoquinoline,
- $\label{eq:normalized} N'-(6,11-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-N,N-dimethyl-propane-1,3-diamine,$
- N,N-dimethyl-N'-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-q]isoquinolin-10-yl)-propane-1,3-diamine,
- N-ethyl-N-[3-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-
- g]isoquinolin-10-ylamino)-propyl]-succinamic acid,
- 2-{(2-hydroxy-ethyl)-[3-(6-methyl-5H-
- pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-ylamino}propyl]amino-ethanol,
- $\label{eq:normalized_normalized} \verb|N,N-diethyl-N'-(6-methyl-5H-pyrido[3',4':4,5]| pyrrolo[2,3-methyl-N'-(6-methyl-5H-pyrido[3',4':4,5]| pyrrolo[3,3-methyl-N'-(6-methyl-5H-pyrido[3',4':4,5]| pyrrolo[3',4':4,5]| pyrrolo[3,3-methyl-N'-(6-methyl-5H-pyrido[3',4':4,5]| pyrrolo[3',4':4,5]| pyrrolo[3,3-methyl-N'-(6-methyl-5H-pyrido[3',4':4,5]| pyrrolo[3',4':4,5]| pyrrolo[3',4':$
- g]isoquinolin-10-yl)-ethane-1,2-diamine,
- N-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-vl)-propane-1,3-diamine,
- N-3-(5,6-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-vl)-N, N-1-diethyl-butane-1,3-diamine,
- N-(6,11-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl)-N'-ethyl-propane-1,3-diamine,
- $\label{eq:normalized} \textit{N'-(5)} \ 6-dimethyl-5H-pyrido [3',4':4,5] \\ pyrrolo [2,3-g] is oquinolin-filled by a supersystem of the property of$

```
10-vl)-N, N-dimethvl-propane-1, 3-diamine,
N-(5,6-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-
10-y1)-N'-ethyl-propane-1,3-diamine,
(3-imidazol-1-vl-propvl)-(6-methvl-5H-
pyrido[3',4':4,5]pyrrolo[2,3-g]isoguinolin-10-vl)-amine.
N-N-diethyl-N'-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-
glisoquinolin-10-vl)-propane-1,3-diamine,
N-1, N-10-Bis-(3-diethylamino-propyl)-3,6-dimethyl-5H-
pyrido[3', 4':4,5]pyrrolo[2,3-g]isoquinoline-1,10-diamine,
N, N-dimethyl-N'-(10, 11-dimethyl-10H-pyrido[3'4':4,5]pyrrolo[3,2-
glquinoline) 4-vl-propane-1, 3-diamine,
N, N-diethvl-N'-(10, 11-dimethyl-10H-pyrido[3'4':4,5]pyrrolo[3,2-
]quinoline) -4-yl-propane-1, 3-diamine,
N, N-diethvl-N'-(11-methvl-10H-pvrido[3', 4':4,5]pvrrolo[3,2-
g]quinoline)-4-yl-propane-1,3-diamine,
N, N-dimethyl-N'-(11-methyl-10H-pyrido[3',4':4,5]pyrrolo[3,2-
g|quinoline)-4-vl-propane-1,3-diamine,
N-(5,6-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoguinolin-
10-yl)-N'-ethyl-propane-1,3-diamine, and
6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-q]isoquinolin-10-yl-
amine.
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### 8. (cancelled)

9. (currently amended) The method of claim 1, wherein said compound is selected from a group consisting of:
N' (9-methoxy-5,6,11-trimethy)-6H-pyrido[4,3-b]carbasel-1-yl)-N,N-dimethyl-propane 1,3-diamine,
N' (9-methoxy-6,11-dimethyl-6H-pyrido[4,3-b]carbasel-1-yl)-N,N-dimethyl-propane 1,3-diamine,
10-chloro-2,6-dimethyl-2H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinoline,
1-(3-dimethyl-mino-propylamino)5-methyl-6H-pyrido[4,2-b]carbasel-9-ol.
N'(9-methoxy-5-methyl-6H-pyrido[4,3-b]carbasel-11-yl)-N,N-dimethyl-propane 1,3-diamine,

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amine,
N. N. diethyl N4-(9-methoxy-5-methyl-6H-syride(4,3-blosrbase)-i-
yl)-pentanc-ly4-diamine,
9-methoxy-1-16-(9-methoxy-5-methyl-6H-byrido14,3-blcarbasol-1-
vlamino) berylamino 2,5 dimethyl 6H pyrido (4,3 b) carbozol 2 ium
4001000
(3-imidasol-1-vl-propvl)-9-methoxv-5-methvl-6H-pvride(4,3-
blearbasel-l-yl)-amine,
(9-methoxy-5-methyl-6H-pyride(4,3-h)earbarel-1-v1)-(2,2,6,6-
tetramethyl-piperidin-4-vl)-ominer
N-ethvl-N-f3-f9-methoxv-5-ll-dimethvl-6H-syridef4-3-blearbasel-
1-ylamino)-propyl]-succinemic-acid,
N-ethyl-N-[3-(6-methyl-5H-pyrido[3', 4':4,5]pyrrolo[2,3-
glisoguinolin-10-vlamino)-propvll-succinamic acid,
5-11-dimethyl-1-(3-methyl-butylamino)-6H-pyrido(4,3-b)-carbozol-
9-01-
N, N-diethyl-N'-(6-methyl-5H-pyrido[3', 4':4,5]pyrrolo[2,3-
glisoguinolin-10-vl)-ethane-1,2-diamine,
1-(3-diethylaming-propylamino)-5,11-dimethyl-6H-pyridof4,3-
b-carbarol-9-oly
W.N-diethyl-N' (9-methoxy-5,6,1-trimethyl-6H-pyridol4,3-
b]carbasol-1-vl)-cthone-1,2-diamine,
N'-(5,6-dimethyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-
10-vl)-N, N-dimethyl-propane-1, 3-diamine,
1-43-diathahamasopropriaminal-5-methal-64-64-6-da-6-
hlearbasel-9-ol-
W.N-diethyl-N'-(9-methoxy-5,11-dimethyl-6E-pyrido[4,3-
blearbasol 1-vl) propage 1, 3 diamine,
1-distrylaning-3-49-methory-5-methyl-6H-pyrlag14,3-bloorbosol-1-
vlamino) propan 2-61,
A-(3-methoxx-10-methy)-11H-borgs(4)byrido(4,3-b)indol-7-xi--
butane-1-4-diamine-
W.N-diethyl-N'-(9-methoxy-5, 6-dimethyl-6H-pyrido(4,3-b)corbasol-
1-vl) ethane-1,2-diamine,
N, N-diethyl-N'-(6-methyl-5H-pyrido[3', 4':4,5]pyrrolo[2,3-
g]isoquinoline-10-yl)-propane-1,3-diamine,
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methyl propage 1,3 diamine.

4-methoxy-10-methyl-11H-benzo[g]pyrido[4,3-b]indel-7-ylomine, W-(3-methoxy-10-methyl-11H-benzo[g]pyrido[4,3-b]indel-7-yl)prepage-1,3-diamine.

N=[3-(3-methoxy-10-methyl-llW-benzo[g]pyrido[4,3-b]indol-7-ylamine)-propyl-N-methyl-propone-1,3-diamine,-and
6-methyl-5E-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-yl-amine.

- 10. (previously presented) The method of claim 1, wherein said splicing process is either constitutive or dependent on ESE, ISE, ESS or ISS regulatory sequences.
- 11. (previously presented) The method of claim 10, wherein said splicing process is either constitutive or dependent on ESE regulatory sequences.

Claims 12-14 (cancelled)

- $15. \hspace{0.2cm} (\text{previously presented}) \hspace{0.2cm} \text{The} \hspace{0.2cm} \text{method} \hspace{0.2cm} \text{of} \hspace{0.2cm} \text{claim} \hspace{0.2cm} \text{1,}$  wherein said medicine further comprises an excipient.
- 16. (previously presented) The method of claim 15, wherein said medicine is in a solid or liquid form..
- 17. (previously presented) 10-chloro-2,6-dimethyl-2H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinoline.

Claims 18 and 19 (cancelled)

20. (previously presented) N-ethyl-N-[3-(6-methyl-5H-pyrido[3',4':4,5]pyrrolo[2,3-g]isoquinolin-10-ylamino)-propyl]-succinamic acid.

Claims 21-25 (cancelled)

- 26. (currently amended) A medicine comprising a compound as in any one of claims 17 to 2517 and 20.
  - 27. (previously presented) A medicine comprising any one of the compounds of claim 5.

Claims 28 and 29 (cancelled)